

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark OfficeAttorney's Docket No.  
21676-05433Application No.  
09/963,351

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant

Syed Abbas et al.

Filing Date

September 25, 2001

Group Art Unit

2684-2637

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

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## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

eli	C1	ITU Telecommunication Standardization Sector Recommendation G.lite-bis, "Series G: Transmission Systems and Media, Digital Systems and Networks," 112 pp., December 2001
eh	C2	ITU Telecommunication Standardization Sector Recommendation G.992.1, "Asymmetrical Digital Subscriber Line (ADSL) Transceivers," 264 pp., July 1999
eh	C3	ITU Telecommunication Standardization Sector Recommendation G.992.2, "Splitterless Asymmetric Digital Subscriber Line (ADSL) Transceivers," 185 pp., March 1999

EXAMINER

Edgar Chang

DATE CONSIDERED

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PTO/SB/08A (10-01)

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT Supplemental</b>		<b>Complete if Known</b>			
		Application No.	09/963,351		
		Filing Date	September 25, 2001		
		First Named Inventor	Syed Abbas et al.		
		Art Unit	2634 2637		
		Examiner Name	Betsy Lee Deppe Edith Chang		
Sheet	1	of	1	Attorney Docket Number	21676-05433 (CT-53)

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document No. Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
ek	A1	US-4,627,077	12-02-1986	Armstrong
		US-		
		US-		
		US-		
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FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
ek	B1	WO 91/20137 A1	12-26-1991	Motorola, Inc.	
ek	B2	EP 0 835 000 A1	04-08-1998	Oerlikon-Contraves AG	
ek	B3	WO 00/51304 A1	08-31-2000	The Board of Trustees, Leland Stanford Junior University	
ek	B4	WO 00/54473 A1	09-14-2000	Aware, Inc.	

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T°
ek	C4	PCT Search Report, International Application No. PCT/US01/29983, August 7, 2002, 4 pages.			

Examiner Signature	Edith Chang	Date Considered	3/21/05
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21676/05433/SF/5082633.1